

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Astrid Bernsdorf et al DOCKET NO.: P06,0311
SERIAL NO.: 10/589,683 CONFIRMATION NO.: 9920
FILED: August 16, 2006 GROUP ART UNIT: 2852
INVENTION: **METHOD FOR PRINTING OF A RECORDING**

MAIL STOP PCT

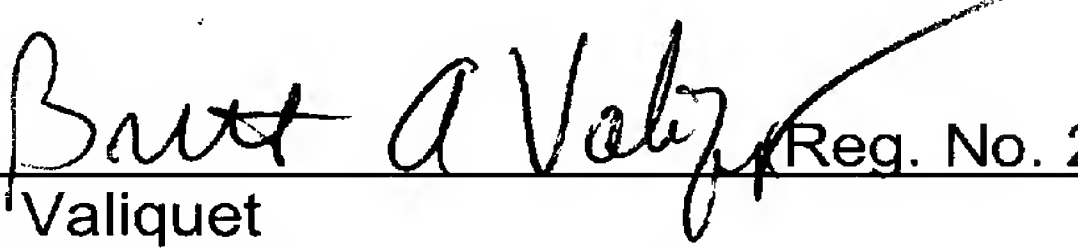
Commissioner for Patents,
P. O. Box 1450
Alexandria, Virginia 22313-1450

**SUBMITTAL OF ENGLISH TRANSLATION OF INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

S I R:

Attached herewith is a copy of the English translation of the International Preliminary Examination Report on patentability.

Respectfully submitted,



Brett A. Valiquet (Reg. No. 27,841)
SCHIFF HARDIN LLP - Patent Department
6600 Sears Tower - 233 South Wacker Drive
Chicago, Illinois 60606
(312) 258-5786
Attorneys for Applicant
CUSTOMER NO. 26574

From the INTERNATIONAL BUREAU

PCT

NOTIFICATION OF TRANSMITTAL
OF COPIES OF TRANSLATION
OF THE INTERNATIONAL PRELIMINARY REPORT
ON PATENTABILITY
(CHAPTER I OR CHAPTER II
OF THE PATENT COOPERATION TREATY)
(PCT Rules 44bis.3(c) and 72.2)

To:

SCHAUMBURG, Kall Hei
Postfach 86 07 48
81634 München
ALLEMAGNE

EINGEGANGEN**15. Feb. 2007****Erled.**

Date of mailing (<i>day/month/year</i>) 08 February 2007 (08.02.2007)	
Applicant's or agent's file reference 2004-0301 P	IMPORTANT NOTIFICATION
International application No. PCT/EP2005/001963	International filing date (<i>day/month/year</i>) 24 February 2005 (24.02.2005)
Applicant OCE PRINTING SYSTEMS GMBH et al	

1. Transmittal of the translation to the applicant.

- ☐ The International Bureau transmits herewith a copy of the English translation of the international preliminary report on patentability (Chapter I).
- ☒ The International Bureau transmits herewith a copy of the English translation of the international preliminary report on patentability (Chapter II).

2. Transmittal of the copy of the translation to the designated or elected Offices.

The International Bureau notifies the applicant that copies of that translation have been transmitted to the following designated or elected Offices requiring such translation:

KR

The following designated or elected Offices, having waived the requirement for such a transmittal at this time, will receive copies of that translation from the International Bureau only upon their request:

AE, AG, AL, AM, AP, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EA, EC, EE, EG, EP, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OA, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

3. Reminder regarding translation into (one of) the official language(s) of the elected Office(s).

The applicant is reminded that, where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary report on patentability (Chapter II).

It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned within the applicable time limit (Rule 74.1). See Volume II of the PCT Applicant's Guide for further details.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer Agnes Wittmann-Regis
Facsimile No. +41 22 338 82 70	Facsimile No. +41 22 338 82 70

TRANSLATION

PATENT COOPERATION TREATY

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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 2004-0301 P	FOR FURTHER ACTION	See Form PCT/IPEA/416
International application No. PCT/EP2005/001963	International filing date (day/month/year) 24.02.2005	Priority date (day/month/year) 01.03.2004
International Patent Classification (IPC) or national classification and IPC G03G9/125, G03G9/00		
Applicant OCE PRINTING SYSTEMS GMBH		

1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of _____ sheets, including this cover sheet.
3. This report is also accompanied by ANNEXES, comprising: a. <input type="checkbox"/> (sent to the applicant and to the International Bureau) a total of _____ sheets, as follows: <input type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions). <input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box. b. <input type="checkbox"/> (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).
4. This report contains indications relating to the following items: <input checked="" type="checkbox"/> Box No. I Basis of the report <input type="checkbox"/> Box No. II Priority <input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability <input type="checkbox"/> Box No. IV Lack of unity of invention <input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement <input type="checkbox"/> Box No. VI Certain documents cited <input type="checkbox"/> Box No. VII Certain defects in the international application <input type="checkbox"/> Box No. VIII Certain observations on the international application

Date of submission of the demand	Date of completion of this report
Name and mailing address of the IPEA/EP	Authorized officer
Facsimile No.	Telephone No.

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/EP2005/001963

Box No. I Basis of the report

1. With regard to the **language**, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following language _____ which is the language of a translation furnished for the purposes of:
- ☐ international search (Rule 12.3 and 23.1(b))
- ☐ publication of the international application (Rule 12.4)
- ☐ international preliminary examination (Rule 55.2 and/or 55.3)
2. With regard to the **elements** of the international application, this report is based on (*replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report*):
- ☐ the international application as originally filed/furnished
- ☒ the description:
- pages 3-12 _____ as originally filed/furnished
- pages* 1, 2, 2a _____ received by this Authority on 08.10.2005 with letter of 06.10.2005
- pages* _____ received by this Authority on _____
- ☒ the claims:
- nos. _____ as originally filed/furnished
- nos.* _____ as amended (together with any statement) under Article 19
- nos.* 1-47 _____ received by this Authority on 08.10.2005 with letter of 06.10.2005
- nos.* _____ received by this Authority on _____
- ☒ the drawings:
- sheets 1/2, 2/2 _____ as originally filed/furnished
- sheets* _____ received by this Authority on _____
- sheets* _____ received by this Authority on _____
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.
3. ☐ The amendments have resulted in the cancellation of:
- ☐ the description, pages _____
- ☐ the claims, nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages _____
- ☐ the claims, nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/EP2005/001963

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;
citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	2-4, 8-15, 29-41, 43-46	YES
	Claims	1, 5-7, 16-28, 42, 47	NO
Inventive step (IS)	Claims		YES
	Claims	1-47	NO
Industrial applicability (IA)	Claims	1-47	YES
	Claims		NO

2. Citations and explanations (Rule 70.7)

1 Reference is made to the following document:

D1: EP 0 455 343 A (XEROX) 6 November 1991 (1991-11-06)

2 The present application does not meet the requirements of PCT Article 33(1), because the subject matter of claim 1 is not novel within the meaning of PCT Article 33(2).

Document D1 discloses (the references between parentheses relate to said document) a method for printing on a recording medium in which a latent electrostatic image (that is to say also a potential image) is created and developed by a liquid developer which contains pigment particles dispersed in a polymerizable carrier liquid. After transfer of the image film created in this way onto the recording medium, the transferred image is fixed on the recording medium by crosslinking of the carrier liquid (page 4, line 30 - page 5, line 4; page 5, line 48 - page 10, line 3; page 12, line 7; page 12, lines 33 - 38; page 13, line 51 - page 14, line 18; claims 1-3, 5-11). The crosslinking agent, that is to say an agent which starts and/or accelerates the crosslinking reaction, may be added

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/EP2005/001963

Box No. V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;
citations and explanations supporting such statement

to the carrier liquid (page 12, line 54 - page 13, line 2).

Document D1 therefore discloses a method for printing on a recording medium that includes all the features of the recording medium according to patent claim 1, in the variants wherein a component which starts and/or accelerates the crosslinking reaction is added to the carrier liquid.

Since these variants belong to the subject matter of patent claim 1, said subject matter is not considered to be novel over that which is known from D1.

3 Document D1 likewise discloses all the features of the copying device according to independent claim 47. The subject matter of this claim is therefore not novel (PCT Article 33(2)).

4 Claims 2-46 do not contain any features which, in combination with the features of any claim to which they refer, meet the PCT requirements for novelty and inventive step.

5 The amendments submitted with the letter of 06.10.2005 introduce substantive matter which, contrary to PCT Article 34(2)(b), goes beyond the disclosure in the international application as filed. The amendments are as follows: the addition "and can be controlled specifically in accordance with its properties" on new page 2, lines 32-33.